

Please type a sign(+) inside this box



PTO/SB/05 (2/98)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Approved for use through 09/30/2000. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |  |   |
|--|--|---|
| <b>UTILITY PATENT APPLICATION TRANSMITTAL</b><br>(Only for new nonprovisional applications under 37 CFR § 1.53(b)) | Attorney Docket No.                      | 1488.1030004                              |
|  | First Inventor or Application Identifier | GENTZ et al.                              |
|  | Title                                    | Keratinocyte Growth Factor-2 Formulations |
|  | Express Mail Label No.                   |   |

14530 U.S. PTO  
09/58541  
06/02/00

|   |  |
|---|--|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | ADDRESS TO: Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |
|---|--|

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 83 ]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8 ]
4. ☐ Oath or Declaration [Total Pages        ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☒ Computer Readable Copy
  - b. ☒ Paper Copy (identical to computer copy)
  - c. ☒ Statement verifying identity of above copies

|   |  |
|---|--|
| <b>ACCOMPANYING APPLICATION PARTS</b>   |  |
| 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))   |  |
| 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)  | <input type="checkbox"/> Power of Attorney   |
| 10. <input type="checkbox"/> English Translation Document (if applicable)   |  |
| 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449  | <input type="checkbox"/> Copies of IDS Citations   |
| 12. <input type="checkbox"/> Preliminary Amendment  |  |
| 13. <input type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)  |  |
| 14. <input type="checkbox"/> *Small Entity Statement(s) (PTO/SB/09-12)  | <input type="checkbox"/> Statement filed in prior application, Status still proper and desired |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)  |  |
| 16. <input checked="" type="checkbox"/> Other: 37 C.F.R. § 1.136(a)(3) Authorization  |  |
| <input type="checkbox"/> Other:   |  |
| <small>*NOTE FOR ITEMS 1 &amp; 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</small> |  |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation    ☐ Divisional    ☒ Continuation-in-Part (CIP) of prior application No: 09/218,444

Prior application information: Examiner Robinson, P.    Group/Art Unit: 1653

|  |   |           |                |          |                |
|--|---|-----------|----------------|----------|----------------|
| <b>18. CORRESPONDENCE ADDRESS</b>  |   |           |                |          |                |
| <input type="checkbox"/> Customer Number or Bar Code Label [ ] or <input checked="" type="checkbox"/> Correspondence address below |   |           |                |          |                |
| (Insert Customer No. or Attach bar code label here)  |   |           |                |          |                |
| NAME   | STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. |           |                |          |                |
|  | Attorneys at Law                          |           |                |          |                |
| ADDRESS  | Suite 600, 1100 New York Avenue, N.W.     |           |                |          |                |
| CITY   | Washington                                | STATE     | DC             | ZIP CODE | 20005-3934     |
| COUNTRY  | USA                                       | TELEPHONE | (202) 371-2600 | FAX      | (202) 371-2540 |

|                   |                         |                                   |                     |
|-------------------|-------------------------|-----------------------------------|---------------------|
| NAME (Print/Type) | Andrea Jo Kamage        | Registration No. (Attorney/Agent) | 43,703              |
| SIGNATURE         | <i>Andrea Jo Kamage</i> | Date                              | <i>June 2, 2000</i> |

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |  |                          |                |
|---|--|--------------------------|----------------|
| <b>FEE TRANSMITTAL</b><br><b>for FY 2000</b><br><i>Patent fees are subject to annual revision.</i><br><i>Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</i><br><i>See 37 C.F.R. §§ 1.27 and 1.28.</i> |  | <b>Complete if Known</b> |                |
|   |  | Application Number       | To be assigned |
|   |  | Filing Date              | Herewith       |
|   |  | First Named Inventor     | Gentz et al.   |
|   |  | Examiner Name            | To be assigned |
|   |  | Group / Art Unit         | To be assigned |
|   |  | Attorney Docket Number   | 1488.1030004   |
| TOTAL AMOUNT OF PAYMENT   |  | (\$) <b>1812.00</b>      |                |

| METHOD OF PAYMENT (check one)   | FEE CALCULATION (continued)               |                 |                      |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
|---|---|-----------------|----------------------|--|---|----------------|-----------------|----------------|-----------------|-----------------|--------------------|--------|-----|-----|-----|-------------------------------------|-------------------|-----|-----|-----|-----|--|------------------|-----|-----|-----|-----|---------------------------|--------------------|-----|-------|-----|-------|--|------------------------|-----|--------------|-----|------|--|--|--------------------|--------|-------|----------------|---|---|-----|-----------|------------------|---|--|-----------|-------------|--------------------|-----|-----|---|----------------|-----------------|----------------|-----------------|-----------------|--|----|-----|-------|------------------------|-----|---|-----|-----|-----------------------------------|-----|-----|--|-----|--------------------------|-----|-----|-----|------------------|---|-----|-----|-----|-----|---|----------------------------------|-----|-----|-----|-----|-------------------------------------|--|-----|-------|-----|-------|---|--|-----|-----|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|
| <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Deposit Account Number</td> <td style="border: 1px solid black; padding: 2px;">19-0036</td> </tr> <tr> <td>Deposit Account Name</td> <td style="border: 1px solid black; padding: 2px;">Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.</td> </tr> </table> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*<br/> <i>*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.</i></p>  | Deposit Account Number                    | 19-0036         | Deposit Account Name | Sterne, Kessler, Goldstein & Fox P.L.L.C.                                  | <p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table> <p>Other fee (specify) :<br/>Other fee (specify) :<br/>*Reduced by Basic Filing Fee Paid</p> | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid           | 105    | 130 | 205 | 65  | Surcharge - late filing fee or oath |                   | 127 | 50  | 227 | 25  | Surcharge - late provisional filing fee or cover sheet |                  | 139 | 130 | 139 | 130 | Non-English specification |                    | 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination |                        | 112 | 920*         | 112 | 920* | Requesting publication of SIR prior to Examiner action |  | 113                | 1,840* | 113   | 1,840*         | Requesting publication of SIR after Examiner action |   | 115 | 110       | 215              | 55                                      | Extension for reply within first month |           | 116         | 380                | 216 | 190 | Extension for reply within second month |                | 117             | 870            | 217             | 435             | Extension for reply within third month |    | 118 | 1,360 | 218                    | 680 | Extension for reply within fourth month |     | 128 | 1,850                             | 228 | 925 | Extension for reply within fifth month |     | 119                      | 300 | 219 | 150 | Notice of Appeal |   | 120 | 300 | 220 | 150 | Filing a brief in support of an appeal                    |                                  | 121 | 260 | 221 | 130 | Request for oral hearing            |  | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,210 | 241 | 605 | Petition to revive - unintentional |  | 142 | 1,210 | 242 | 605 | Utility issue fee (or reissue) |  | 143 | 430 | 243 | 215 | Design issue fee |  | 144 | 580 | 244 | 290 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional applications |  | 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 690 | 246 | 345 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 149 | 690 | 249 | 345 | For each additional invention to be examined (37 CFR 1.129(b)) |  |
| Deposit Account Number  | 19-0036                                   |                 |                      |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Deposit Account Name  | Sterne, Kessler, Goldstein & Fox P.L.L.C. |                 |                      |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Large Fee Code  | Entity Fee (\$)                           | Small Fee Code  | Entity Fee (\$)      | Fee Description  | Fee Paid  |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 105   | 130                                       | 205             | 65                   | Surcharge - late filing fee or oath  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 127   | 50  | 227             | 25                   | Surcharge - late provisional filing fee or cover sheet                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 139   | 130                                       | 139             | 130                  | Non-English specification  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 147   | 2,520                                     | 147             | 2,520                | For filing a request for reexamination                                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 112   | 920*                                      | 112             | 920*                 | Requesting publication of SIR prior to Examiner action                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 113   | 1,840*                                    | 113             | 1,840*               | Requesting publication of SIR after Examiner action                        |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 115   | 110                                       | 215             | 55                   | Extension for reply within first month                                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 116   | 380                                       | 216             | 190                  | Extension for reply within second month                                    |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 117   | 870                                       | 217             | 435                  | Extension for reply within third month                                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 118   | 1,360                                     | 218             | 680                  | Extension for reply within fourth month                                    |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 128   | 1,850                                     | 228             | 925                  | Extension for reply within fifth month                                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 119   | 300                                       | 219             | 150                  | Notice of Appeal   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 120   | 300                                       | 220             | 150                  | Filing a brief in support of an appeal                                     |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 121   | 260                                       | 221             | 130                  | Request for oral hearing   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 138   | 1,510                                     | 138             | 1,510                | Petition to institute a public use proceeding                              |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 140   | 110                                       | 240             | 55                   | Petition to revive - unavoidable   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 141   | 1,210                                     | 241             | 605                  | Petition to revive - unintentional   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 142   | 1,210                                     | 242             | 605                  | Utility issue fee (or reissue)   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 143   | 430                                       | 243             | 215                  | Design issue fee   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 144   | 580                                       | 244             | 290                  | Plant issue fee  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 122   | 130                                       | 122             | 130                  | Petitions to the Commissioner  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 123   | 50  | 123             | 50                   | Petitions related to provisional applications                              |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 126   | 240                                       | 126             | 240                  | Submission of Information Disclosure Stmt                                  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 581   | 40  | 581             | 40                   | Recording each patent assignment per property (times number of properties) |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 146   | 690                                       | 246             | 345                  | Filing a submission after final rejection (37 CFR 1.129(a))                |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 149   | 690                                       | 249             | 345                  | For each additional invention to be examined (37 CFR 1.129(b))             |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| <p><b>FEE CALCULATION</b></p> <p>1. BASIC FILING FEE</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td>690.00</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>334</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>(\$)<b>690.00</b></td></tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims <u>78</u> - 20** = <u>58</u></td> <td>X</td> <td><u>18</u></td> <td>= <u>1044.00</u></td> </tr> <tr> <td>Indep. Claims <u>4</u> - 3** = <u>1</u></td> <td>X</td> <td><u>78</u></td> <td>= <u>78</u></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>= <u>0.00</u></td> </tr> </tbody> </table> <p>** or number previously paid, if greater; For Reissues, see below</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim</td></tr> <tr><td>108</td><td>78</td><td>209</td><td>39</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2) (\$)<b>1122.00</b></td></tr> </tbody> </table> | Large Fee Code                            | Entity Fee (\$) | Small Fee Code       | Entity Fee (\$)  | Fee Description   | Fee Paid       | 101             | 690            | 201             | 345             | Utility filing fee | 690.00 | 106 | 310 | 206 | 155                                 | Design filing fee |     | 107 | 480 | 207 | 240  | Plant filing fee |     | 108 | 690 | 208 | 334                       | Reissue filing fee |     | 114   | 150 | 214   | 75                                     | Provisional filing fee |     | SUBTOTAL (1) |     |      |  |  | (\$) <b>690.00</b> |        | Extra | Fee from below | Fee Paid  | Total Claims <u>78</u> - 20** = <u>58</u> | X   | <u>18</u> | = <u>1044.00</u> | Indep. Claims <u>4</u> - 3** = <u>1</u> | X                                      | <u>78</u> | = <u>78</u> | Multiple Dependent |     |     | = <u>0.00</u>                           | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | 103                                    | 18 | 203 | 9     | Claims in excess of 20 | 102 | 78                                      | 202 | 39  | Independent claims in excess of 3 | 104 | 260 | 204                                    | 130 | Multiple dependent claim | 108 | 78  | 209 | 39               | **Reissue independent claims over original patent | 110 | 18  | 210 | 9   | **Reissue claims in excess of 20 and over original patent | SUBTOTAL (2) (\$) <b>1122.00</b> |     |     |     |     | <p>SUBTOTAL (3) (\$)<b>0.00</b></p> |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Large Fee Code  | Entity Fee (\$)                           | Small Fee Code  | Entity Fee (\$)      | Fee Description  | Fee Paid  |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 101   | 690                                       | 201             | 345                  | Utility filing fee   | 690.00  |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 106   | 310                                       | 206             | 155                  | Design filing fee  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 107   | 480                                       | 207             | 240                  | Plant filing fee   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 108   | 690                                       | 208             | 334                  | Reissue filing fee   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 114   | 150                                       | 214             | 75                   | Provisional filing fee   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| SUBTOTAL (1)  |   |                 |                      |  | (\$) <b>690.00</b>  |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
|   | Extra                                     | Fee from below  | Fee Paid             |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Total Claims <u>78</u> - 20** = <u>58</u>   | X   | <u>18</u>       | = <u>1044.00</u>     |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Indep. Claims <u>4</u> - 3** = <u>1</u>   | X   | <u>78</u>       | = <u>78</u>          |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Multiple Dependent  |   |                 | = <u>0.00</u>        |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| Large Fee Code  | Entity Fee (\$)                           | Small Fee Code  | Entity Fee (\$)      | Fee Description  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 103   | 18  | 203             | 9                    | Claims in excess of 20   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 102   | 78  | 202             | 39                   | Independent claims in excess of 3  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 104   | 260                                       | 204             | 130                  | Multiple dependent claim   |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 108   | 78  | 209             | 39                   | **Reissue independent claims over original patent                          |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| 110   | 18  | 210             | 9                    | **Reissue claims in excess of 20 and over original patent                  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |
| SUBTOTAL (2) (\$) <b>1122.00</b>  |   |                 |                      |  |   |                |                 |                |                 |                 |                    |        |     |     |     |                                     |                   |     |     |     |     |  |                  |     |     |     |     |                           |                    |     |       |     |       |  |                        |     |              |     |      |  |  |                    |        |       |                |   |   |     |           |                  |   |  |           |             |                    |     |     |   |                |                 |                |                 |                 |  |    |     |       |                        |     |   |     |     |                                   |     |     |  |     |                          |     |     |     |                  |   |     |     |     |     |   |                                  |     |     |     |     |                                     |  |     |       |     |       |   |  |     |     |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |

|                       |                  |  |  |                          |         |
|-----------------------|------------------|--|--|--------------------------|---------|
| SUBMITTED BY          |                  |  |  | Complete (if applicable) |         |
| Typed or Printed Name | Andrea Jo Kamage |  |  | Reg. Number              | 43,703  |
| Signature             |                  |  |  | Deposit Acct. User ID    | 19-0036 |
|                       | Date             |  |  |                          |         |

**WARNING:**  
Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W., SUITE 600  
WASHINGTON, D.C. 20005-3934

www.skpf.com

PHONE: (202) 371-2600 FACSIMILE: (202) 371-2540

1c530 U.S. PTO  
09/585541  
06/02/00

06/02/00

ROBERT GREENE STERNE  
EDWARD J. KESSLER  
GEORGE A. GOLDSTEIN  
TIMOTHY L. FOX  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHELE A. CIMBALA  
MICHAEL B. RAY  
ROBERT E. SOKOHL  
ERIC K. STEFFE  
MICHAEL O. LEE

STEVEN R. LUDWIG  
JOHN M. COVERT\*  
LINDA E. ALCORN  
RAZ E. FLESHNER  
ROBERT C. MILLONIG  
MICHAEL V. MESSINGER  
JUDITH U. KIM  
TIMOTHY J. SHEA, JR.  
DONALD R. MCPHAIL  
PATRICK E. GARRETT  
STEPHEN G. WHITESIDE  
JEFFREY T. HELVEY\*

HEIDI L. KRAUS  
JEFFREY R. KURIN  
RAYMOND MILLIEN  
PATRICK D. O'BRIEN  
LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES\*  
EDWARD W. YEE  
ALBERT L. FERRO\*  
DONALD R. BANOWIT  
PETER A. JACKMAN  
MOLLY A. MCCALL  
TERESA U. MEDLER

JEFFREY S. WEAVER  
KRISTIN K. VIDOVICH  
KENDRICK P. PATTERSON  
DONALD J. FEATHERSTONE  
GRANT E. REED  
VINCENT L. CAPUANO  
JOHN A. HARROUN\*  
MATTHEW M. CATLETT\*  
NATHAN K. KELLEY\*  
ALBERT J. FASULO II\*  
W. BRIAN EDGE\*

KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\*  
BRIAN J. DEL BUONO\*\*  
ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*  
TARJA H. NAUKKARINEN\*\*

\*BAR OTHER THAN D.C.  
\*\*REGISTERED PATENT AGENTS

June 2, 2000

Commissioner for Patents  
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be assigned; Filed: Herewith  
For: **Keratinocyte Growth Factor-2 Formulations**  
Inventors: Gentz *et al.*  
Our Ref: 1488.1030004/EKS/AJK

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
2. U.S. Utility Patent Application entitled:

**Keratinocyte Growth Factor-2 Formulations**

and naming as inventors:

Reiner L. GENTZ  
Arvind CHOPRA  
Parveen KAUSHAL  
Thomas SPITZNAGEL  
Edward UNSWORTH  
Fazal KHAN

09585541-060200

Commissioner for Patents

June 2, 2000

Page 2

the application consisting of:

- a. A specification containing:
    - i. 71 pages of description prior to the claims;
    - ii. 11 pages of claims (78 claims);
    - iii. a one (1) page abstract;
  - b. 8 sheet(s) of drawings: (Figures 1A-5);
  - c. 10 pages of a paper copy of the sequence listing;
  - d. A computer readable disk copy of the sequence listing;
  - e. Our check No. 27678 for \$1812.00 to cover:  
\$690.00 filing fee for patent application;  
\$78.00 Independent claim;  
\$1044.00 fee for excess claims;
3. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3); and
  4. Two (2) return postcards.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith are the same.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

002090-TH58560



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gentz *et al.*

Appl. No. To be assigned

Filed: Herewith

For: **Keratinocyte Growth Factor-2  
Formulations**

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 1488.1030004/EKS/AJK



**Authorization To Treat A Reply As Incorporating An Extension Of Time  
Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Andrea Jo Kamage*

Andrea Jo Kamage  
Agent for Applicants  
Registration No. 43,703

Date: June 2, 2000  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600

P:\USERS\AKAMAGE\CASES\1488\103-4\103-4authototreat060200

SKGF 4/27/00 mac